

Floods Caused by Tropical Systems: Perkiomen Creek at Graterford

Latitude: 40.229

Period of Record: 1915-Present

Longitude: -75.452

Flood Stage: 11 ft

Last Flood: 2/25/2016

Number of Floods: 83

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/28/2011	18.20	39,600	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
6/22/1972	17.08	35,800	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
8/23/1933	16.65	34,600	A strong Category 1 storm, the Chesapeake-Potomac Hurricane brought more than 10 inches of rain to Maryland, Delaware and Southern New Jersey. Other locations throughout the Mid-Atlantic measured more than 4 inches of rain.
9/16/1999	16.59	33,700	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
10/8/2005	14.90	26,800	Tropical Storm Tammy was absorbed into a cold front and produced 2-day rainfall totals of 4 to 7 inches. Flooding was reported in the Raritan, Passaic, Delaware and Lower Main Stem Susquehanna Basins.
9/18/2004	14.80	26,500	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
9/12/1960	14.55	25,400	Hurricane Donna made its second landfall near Wilmington, NC as a Category 3 hurricane. It produced 6 to 8 inches of rain in Eastern Virginia and caused 3 fatalities.
8/13/1955	14.26	24,200	Hurricane Connie produced 4 to 8 inches of rainfall across the Mid-Atlantic region, with locally heavier amounts exceeding 10 inches.

Drainage Area: 279 sq mi

Tropical information before 1940 is limited.

County of Gage: Montgomery

Gage Datum: 112.66 ft MSL

Schuylkill Basin

County of Forecast Point: Montgomery

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Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
10/1/2010	14.18	27,700	Tropical moisture ahead of a north-south frontal boundary interacted with the remnants of tropical storm Nicole to produce heavy rainfall throughout the Mid-Atlantic. Rainfall amounts of 4"-5" were common, with locally heavier amounts of up to 10".
8/19/1955	14.08	23,600	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/7/2011	13.93	24,600	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
9/21/1938	13.50	14,000	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
9/27/1985	13.19	21,200	Hurricane Gloria made landfall over Long Island as a Category 2 storm. Gloria produced rainfall amounts of 1 to 5 inches in most of the Mid-Atlantic, with locally heavier amounts of almost 7 inches reported.
9/29/2004	12.53	19,200	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.
9/15/2003	12.43	18,850	The remnants of Tropical Storm Henri produced generally an inch or less of rainfall throughout the region. A small stretch of the region ranged from 3.00 inches in Northern Maryland and Delaware to over 5.00 inches in Eastern Pennsylvania.
10/2/1929	11.62	15,800	Rainfall from the most powerful hurricane of the 1929 season measured 1 to 4 inches across the Mid-Atlantic states and led to minor flooding across parts of Pennsylvania and Maryland.
9/4/1935	11.55	15,800	The "Labor Day Hurricane" dumped heavy rain along the East Coast. A total of 16.62 inches of rain was reported in Easton and 12.1 inches of rain was reported in Salisbury, MD.

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8/4/1915	-9999.00	24,900	The first tropical cyclone of 1915 interacted with a low pressure system and dumped 2 -3 inches of rain across much of the Mid-Atlantic region.

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